

Express Mail Number: EV 249528650 US  
Docket Number: 25178.01

PTO/SB/01A (06-03)  
Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Method for Producing A High Resolution Detector Array
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As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☒ The attached application, or  
☐ Application No. \_\_\_\_\_, filed on \_\_\_\_\_,  
☐ as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Mark S. ANDREACO

Signature: *Mark S. Andreaco*

Citizen of: USA

Inventor two: Charles W. WILLIAMS

Signature: *Charles W. Williams*

Citizen of: USA

Inventor three: J. Clifton MOYERS

Signature: *J. Clifton Moyers*

Citizen of: USA

Inventor four: Keith VAIGNEUR

Signature: *Keith Vaigneur*

Citizen of: USA

☐ Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Express Mail Number: EV 249528650 US  
Docket Number: 25178.01

PTO/SB/81 (06-03)  
Approved for use through 11/30/2005. OMB 0651-0035

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	
Filing Date	
First Named Inventor	ANDREACO, et al.
Title	Method for Producing A High Resolution D...
Art Unit	
Examiner Name	
Attorney Docket Number	25178.01

I hereby appoint:

☒ Practitioners at Customer Number

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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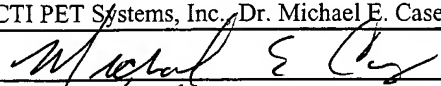
<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	Zip	
Country			
Telephone	Fax		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name	CTI PET Systems, Inc., Dr. Michael E. Casey, Director, Physics Development		
Signature			
Date	9/8/03	Telephone	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: CTI PET Systems, Inc.

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: Method for Producing A High Resolution Detector Array

CTI PET Systems, Inc., a corporation of Tennessee

(Name of Assignee)

(Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

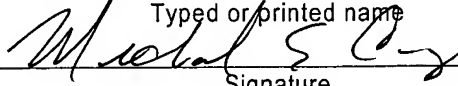
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

9/8/03  
Date

\_\_\_\_\_  
Telephone number

Dr. Michael E. Casey

Typed or printed name

  
Signature

Director, Physics Development

Title

Express Mail Number: EV 249528650 US  
Docket Number: 25178.01

PTO/SB/81 (06-03)

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First Named Inventor	ANDREACO, et al.
Title	Method for Producing A High Resolution D...
Art Unit	
Examiner Name	
Attorney Docket Number	25178.01

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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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OR

☐ Firm or  
Individual Name

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Address

City

State

Zip

Country

Telephone

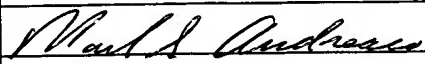
Fax

I am the:

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**SIGNATURE of Applicant or Assignee of Record**

Name	Mark S. ANDREACO		
Signature			
Date	9-12-03	Telephone	865-966-3963

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 4 forms are submitted.

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Individual Name

Address

Address

City

State

Zip

Country

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☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTOISB196).*

SIGNATURE of Applicant or Assignee of Record

Name

Charles W. WILLIAMS

Signature

*C. W. Williams*

Date

9-8-03

Telephone

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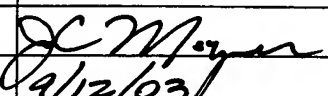
<input type="checkbox"/> Firm or Individual Name				
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Address				
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Telephone	Fax			

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☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
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**SIGNATURE of Applicant or Assignee of Record**

Name	J. Clifton MOYERS		
Signature			
Date	9/12/03	Telephone	865 218 2264

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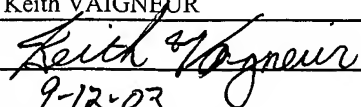
<input type="checkbox"/> Firm or Individual Name				
Address				
Address				
City		State		Zip
Country				
Telephone		Fax		

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☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
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**SIGNATURE of Applicant or Assignee of Record**

Name	Keith VAIGNEUR		
Signature			
Date	9-12-03	Telephone	(865) 693-6544

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